Bormod™ BH975MO

PP Borouge

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**38**	g/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**1500**	MPa	ISO 527
Yield stress	**25**	MPa	ISO 527
Yield strain	**4**	%	ISO 527
Flexural modulus, 23°C	**1550**	MPa	ISO 178
Charpy notched impact strength, +23°C	**8**	kJ/m²	ISO 179/1eA
Rockwell hardness	**R 92**	-	ISO 2039-2
ASTM Data			
Izod Impact notched, 1/8 in	**80**	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	**55**	J/m	ASTM D 256
Temperature	**-20**	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	**105**	°C	ISO 75-1/-2
Vicat softening temperature, A	**150**	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	**905**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	**200 - 250**	°C	-
Mold temperature	**15 - 40**	°C	-
Holding pressure	**20 - 50**	MPa	-

Characteristics

Processing
Injection Molding

Additives
Release agent

Special Characteristics
Anti-static, High impact or impact modified

Features
Nucleated, Copolymer

Certifications
Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Applications
Packaging

Regional Availability
North America, Europe, Asia Pacific, South and Central America, Near East/Africa